

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A method for configuring contents of a network management notification, comprising:

 sending a request from a management station to at least one agent for a list of notifications supported by the agent;

 receiving at the management station the list of notifications supported by the agent;

 determining objects defined in the notifications;

 sending a message to the agent specifying objects to include in each of the notifications and the order of the objects; and

 receiving from the agent a notification containing the specified objects in the specified order upon occurrence of an event.

Claim 2 (original): The method of claim 1 wherein sending a message comprises utilizing a SNMP protocol.

Claim 3 (original): The method of claim 1 wherein receiving a list of notifications comprises receiving a management information base.

Claim 4 (original): The method of claim 3 wherein sending a message comprises sending a modified management information base.

Claim 5 (original): The method of claim 1 wherein receiving a list of notifications comprises receiving a list of objects associated with each of the notifications.

Claim 6 (original): The method of claim 5 wherein sending a message comprises adding new objects to the notification.

Claim 7 (original): The method of claim 5 wherein sending a message comprises reordering the objects in the notification.

Claim 8 (original): The method of claim 1 wherein receiving a list of notifications comprises receiving a list of variable bindings for each of the notifications.

Claim 9 (original): The method of claim 8 wherein sending a message comprises sending a list of variable bindings for each of the notifications.

Claim 11 (previously presented): The method of claim 1 wherein sending a request comprises sending a Get request.

Claim 12 (original): The method of claim 1 wherein receiving a notification comprises receiving a Trap message.

Claim 13 (original): The method of claim 1 wherein receiving a notification comprises receiving an Inform message.

Claim 14 (previously presented): A computer program product for configuring contents of a network management notification, comprising:

code that sends a request from a management station to at least one agent for a list of notifications supported by the agent;

code that receives at the a management station a list of notifications supported by the agent;

code that sends a message to the agent specifying objects for each of the notifications and the order of the objects;

code that receives a notification containing the specified objects in the specified order upon occurrence of an event; and

a computer-readable storage medium for storing the codes.

Claim 15 (original): The computer program product of claim 14 wherein the computer readable medium is selected from the group consisting of CD-ROM,

floppy disk, tape, flash memory, system memory, hard drive, and data signal embodied in a carrier wave.

Claim 16 (original): The computer program product of claim 14 wherein the management station comprises a SNMP manager.

Claim 17 (original): The computer program product of claim 14 further comprising code that requests information on notifications from the agents.

Claim 18 (previously presented): A system for configuring contents of a network management station, comprising:

a processor that receives information specifying contents of notifications supported by an agent within a network at a management station and sends instructions from the management station to the agent to modify the contents of the notification to a preferred configuration, wherein the preferred configuration specifies the objects to include in the notifications and the order of the objects; and

a storage medium having the preferred configuration stored thereon.

Claim 19 (previously presented): A system for configuring contents of a network management station, comprising:

means for sending a request from a management station to at least one agent for a list of notifications supported by the agent;

means for receiving information specifying contents of notifications supported by the agent within a network at the a management station; and

means for sending instructions from the management station to the agent to modify the contents of the notifications to include selected objects in a specified order.

Claim 20 (previously presented): A method for sending SNMP notifications from an agent to a management station, comprising:

receiving a message from the management station specifying objects for notifications supported by the agent;

modifying a list of objects for the notifications to include specified objects in a specified order; and
sending a notification containing the specified objects in the specified order upon occurrence of an event.

Claim 21 (original): The method of claim 20 further comprising receiving a request from the management station for a list of objects currently contained within notifications supported by the agent.

Claim 22 (original): The method of claim 21 further comprising sending a management information base containing a list of the objects currently contained within the notifications supported by the agent.

Claim 23 (previously presented): A system for sending SNMP notification from an agent to a management station, comprising:
a processor configured to receive a message from the management station specifying objects for notifications supported by the agent, modify a list of objects for the notifications to include specified objects in a specified order, and send a notification containing the specified objects upon occurrence of an event; and
a storage medium for storing the notifications supported by the agent.

Claim 24 (previously presented): The method of claim 1 wherein sending a message to the agent comprises sending a management information base containing a modified list of variable bindings.

Claim 25 (previously presented): The method of claim 24 wherein the modified list of variable bindings comprises new variable bindings.

Claim 26 (previously presented): The method of claim 24 wherein the modified list of variable bindings comprises a new context of existing variable bindings.

Claim 27 (previously presented): The method of claim 1 wherein sending a message to the agent comprises creating a new management information base.

Claim 28 (previously presented): The method of claim 27 wherein creating a new management information base comprises changing the location of one or more original variable bindings to insert one or more new variable bindings.

Claim 29 (previously presented): The method of claim 1 wherein sending a request comprises sending a request for variable bindings associated with each of the notifications.